

Please replace the paragraph on page 8, lines 4-9 with the following paragraph:

As discussed above, the stent may be covered on the interior surface 11 of the stent 12, the exterior surface 13 of the stent 12. or both. Preferably, the stent 12 is covered on both the interior 11 and the exterior 13 surfaces of the stent 12. Having the entire surface of the stent 12 covered with the porous PTFE of the present invention provides an effective barrier about the stent 12 preventing excessive cell or tissue growth, or thrombus formation through the expanded wall of a tubular stent 12.

IN THE CLAIMS:

7. A method of covering an endoprosthesis device comprising the steps of:
providing an elongate radially expandable tubular stent;
providing a porous polytetrafluoroethylene by extracting siloxane from an interpenetrating network of siloxane and polytetrafluoroethylene;
forming a stent cover from said porous polytetrafluoroethylene; and
applying said stent cover to an interior surface and exterior surface, or both of said stent wherein said stent cover extends along a longitudinal stent axis.

13. An endoprosthesis device comprising:
an elongate radially expandable tubular stent having an interior surface and an exterior surface extending along a longitudinal stent axis; and
a stent cover on said interior surface, exterior surface or both, which is formed of a porous polytetrafluoroethylene;
wherein said porous polytetrafluoroethylene comprises a non-stretched porous structure having voids intermeshed between pockets of PTFE.